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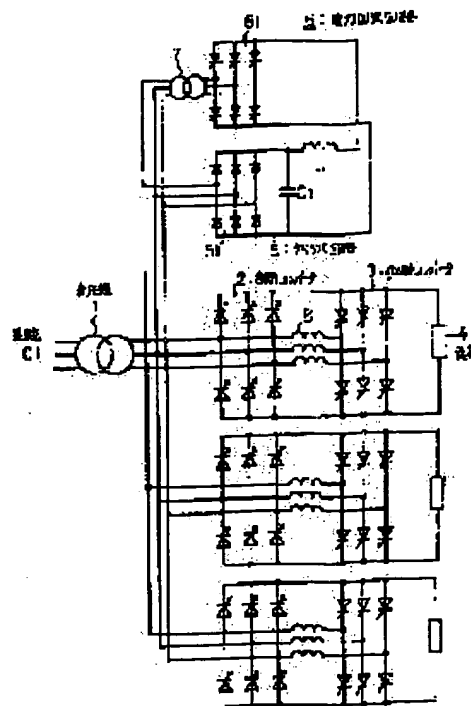
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(54) POLYPHASE OUTPUT CYCLOCONVERTER

(57)Abstract:

PURPOSE: To provide an inexpensive reactive power compensation polyphase cycloconverter constituted of reverse parallel connection of an external commutated converter and a self-commutated converter.

CONSTITUTION: A common AC power supply (transformer) 1 is connected with a plurality of self-commutated converters 2 and a clipper circuit 5 for suppressing overvoltage at the time of commutation of the self-commutated converters 2. The self-commutated converter 2 is connected in reverse parallel with an external commutation converter 3 which is fed with power from the common power supply 1 through a reactor 8 for suppressing current at the time of commutation thereof. This constitution reduces the number of transformers 1 and clipper circuits 5 which are conventionally provided for every pair of the converters 2, 3.



LEGAL STATUS

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